

# David H Phillips

## List of Publications by Year in descending order

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132  
papers

8,249  
citations

47006  
47  
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51608  
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134  
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134  
docs citations

134  
times ranked

9735  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mutational signatures associated with tobacco smoking in human cancer. <i>Science</i> , 2016, 354, 618-622.	12.6	842
2	Polycyclic aromatic hydrocarbons in the diet. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 443, 139-147.	1.7	737
3	A Compendium of Mutational Signatures of Environmental Agents. <i>Cell</i> , 2019, 177, 821-836.e16.	28.9	437
4	Smoking-related DNA and protein adducts in human tissues. <i>Carcinogenesis</i> , 2002, 23, 1979-2004.	2.8	274
5	The 32P-postlabeling assay for DNA adducts. <i>Nature Protocols</i> , 2007, 2, 2772-2781.	12.0	222
6	The exposome in practice: Design of the EXPOSOMICS project. <i>International Journal of Hygiene and Environmental Health</i> , 2017, 220, 142-151.	4.3	219
7	Standardization and validation of DNA adduct postlabelling methods: report of interlaboratory trials and production of recommended protocols. <i>Mutagenesis</i> , 1999, 14, 301-315.	2.6	211
8	The genome as a record of environmental exposure. <i>Mutagenesis</i> , 2015, 30, gev073.	2.6	174
9	Aristolochic acid mutagenesis: molecular clues to the aetiology of Balkan endemic nephropathy-associated urothelial cancer. <i>Carcinogenesis</i> , 2007, 28, 2253-2261.	2.8	159
10	From the exposome to mechanistic understanding of chemical-induced adverse effects. <i>Environment International</i> , 2017, 99, 97-106.	10.0	146
11	The Epidemiology, Diagnosis, and Management of Aristolochic Acid Nephropathy. <i>Annals of Internal Medicine</i> , 2013, 158, 469.	3.9	142
12	Polycyclic aromatic hydrocarbons as skin carcinogens: Comparison of benzo[a]pyrene, dibenzo[def,p]chrysene and three environmental mixtures in the FVB/N mouse. <i>Toxicology and Applied Pharmacology</i> , 2012, 264, 377-386.	2.8	140
13	Sex differences in risk of lung cancer: Expression of genes in the PAH bioactivation pathway in relation to smoking and bulky DNA adducts. <i>International Journal of Cancer</i> , 2006, 119, 741-744.	5.1	128
14	Environmental Pollutant and Potent Mutagen 3-Nitrobenzanthrone Forms DNA Adducts after Reduction by NAD(P)H:Quinone Oxidoreductase and Conjugation by Acetyltransferases and Sulfotransferases in Human Hepatic Cytosols. <i>Cancer Research</i> , 2005, 65, 2644-2652.	0.9	118
15	Metabolic activation of benzo[a]pyrene in vitro by hepatic cytochrome P450 contrasts with detoxification in vivo: experiments with hepatic cytochrome P450 reductase null mice. <i>Carcinogenesis</i> , 2007, 29, 656-665.	2.8	115
16	Metabolic activation of the environmental contaminant 3-nitrobenzanthrone by human acetyltransferases and sulfotransferase. <i>Carcinogenesis</i> , 2002, 23, 1937-1945.	2.8	112
17	DNA and protein adducts in human tissues resulting from exposure to tobacco smoke. <i>International Journal of Cancer</i> , 2012, 131, 2733-2753.	5.1	112
18	DNA adducts as markers of exposure and risk. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2005, 577, 284-292.	1.0	105

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19	Associations between carcinogen-DNA damage, glutathione S-transferase genotypes, and risk of lung cancer in the prospective Physicians' Health Cohort Study. <i>Carcinogenesis</i> , 2002, 23, 1641-1646.	2.8	97
20	The TERT-CLPTM1L lung cancer susceptibility variant associates with higher DNA adduct formation in the lung. <i>Carcinogenesis</i> , 2009, 30, 1368-1371.	2.8	95
21	Activation of tamoxifen and its metabolite 4-hydroxytamoxifen to DNA-binding products: comparisons between human, rat and mouse hepatocytes. <i>Carcinogenesis</i> , 1996, 17, 89-94.	2.8	94
22	Polycyclic Aromatic Hydrocarbon (PAH) Exposure and DNA Adduct Semi-Quantitation in Archived Human Tissues. <i>International Journal of Environmental Research and Public Health</i> , 2011, 8, 2675-2691.	2.6	91
23	Detection of DNA modifications by the 32P-postlabelling assay. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1997, 378, 1-12.	1.0	86
24	AHR- and DNA-Damage-Mediated Gene Expression Responses Induced by Benzo(a)pyrene in Human Cell Lines. <i>Chemical Research in Toxicology</i> , 2007, 20, 1797-1810.	3.3	86
25	Exceptionally long-term persistence of DNA adducts formed by carcinogenic aristolochic acid I in renal tissue from patients with aristolochic acid nephropathy. <i>International Journal of Cancer</i> , 2014, 135, 502-507.	5.1	80
26	Inter-laboratory variation in DNA damage using a standard comet assay protocol. <i>Mutagenesis</i> , 2012, 27, 665-672.	2.6	79
27	TP53 mutation signature supports involvement of aristolochic acid in the aetiology of endemic nephropathy-associated tumours. <i>International Journal of Cancer</i> , 2009, 124, 987-990.	5.1	78
28	Identification of three major DNA adducts formed by the carcinogenic air pollutant 3-nitrobenzanthrone in rat lung at the C8 and N2 position of guanine and at the N6 position of adenine. <i>International Journal of Cancer</i> , 2006, 118, 2139-2146.	5.1	76
29	Activation of 3-nitrobenzanthrone and its metabolites by human acetyltransferases, sulfotransferases and cytochrome P450 expressed in Chinese hamster V79 cells. <i>International Journal of Cancer</i> , 2003, 105, 583-592.	5.1	75
30	Carcinogenic polycyclic aromatic hydrocarbons induce CYP1A1 in human cells via a p53-dependent mechanism. <i>Archives of Toxicology</i> , 2016, 90, 291-304.	4.2	74
31	The DNA repair inhibitors hydroxyurea and cytosine arabinoside enhance the sensitivity of the alkaline single-cell gel electrophoresis ('comet') assay in metabolically-competent MCL-5 cells. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 1999, 445, 21-43.	1.7	73
32	Detection and characterization by 32P-postlabelling of DNA adducts induced by a Fenton-type oxygen radical-generating system. <i>Carcinogenesis</i> , 1992, 13, 1127-1135.	2.8	72
33	DNA adducts and cancer risk in prospective studies: a pooled analysis and a meta-analysis. <i>Carcinogenesis</i> , 2008, 29, 932-936.	2.8	70
34	Molecular evidence for an involvement of organic anion transporters (OATs) in aristolochic acid nephropathy. <i>Toxicology</i> , 2009, 264, 74-79.	4.2	68
35	Pulmonary Inflammation Impacts on CYP1A1-Mediated Respiratory Tract DNA Damage Induced by the Carcinogenic Air Pollutant Benzo(a)pyrene. <i>Toxicological Sciences</i> , 2015, 146, 213-225.	3.1	68
36	Interleukin 1 receptor antagonist gene polymorphism and risk of lung cancer: A possible interaction with polymorphisms in the interleukin 1 beta gene. <i>Lung Cancer</i> , 2005, 50, 285-290.	2.0	65

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37	DNA adducts and mutagenic specificity of the ubiquitous environmental pollutant 3-nitrobenzanthrone in Muta Mouse. <i>Environmental and Molecular Mutagenesis</i> , 2004, 43, 186-195.	2.2	63
38	3-Aminobenzanthrone, a Human Metabolite of the Environmental Pollutant 3-Nitrobenzanthrone, Forms DNA Adducts after Metabolic Activation by Human and Rat Liver Microsomes: Evidence for Activation by Cytochrome P450 1A1 and P450 1A2. <i>Chemical Research in Toxicology</i> , 2004, 17, 1092-1101.	3.3	62
39	Human enzymes involved in the metabolic activation of the environmental contaminant 3-nitrobenzanthrone: evidence for reductive activation by human NADPH:cytochrome p450 reductase. <i>Cancer Research</i> , 2003, 63, 2752-61.	0.9	61
40	Detection of bulky DNA lesions in the liver of patients with Wilson's disease and primary haemochromatosis. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 1995, 326, 235-243.	1.0	59
41	DNA adduct formation by the ubiquitous environmental pollutant 3-nitrobenzanthrone and its metabolites in rats. <i>Biochemical and Biophysical Research Communications</i> , 2003, 300, 107-114.	2.1	58
42	Influence of cell cycle on responses of MCF-7 cells to benzo[a]pyrene. <i>BMC Genomics</i> , 2011, 12, 333.	2.8	58
43	Mutational spectra and mutational signatures: Insights into cancer aetiology and mechanisms of DNA damage and repair. <i>DNA Repair</i> , 2018, 71, 6-11.	2.8	58
44	Linking environmental carcinogen exposure to TP53 mutations in human tumours using the human TP53 knock-in (Hupki) mouse model. <i>FEBS Journal</i> , 2010, 277, 2567-2583.	4.7	57
45	Bioactivation versus Detoxication of the Urothelial Carcinogen Aristolochic Acid I by Human Cytochrome P450 1A1 and 1A2. <i>Toxicological Sciences</i> , 2012, 125, 345-358.	3.1	57
46	Bioactivation of 3-aminobenzanthrone, a human metabolite of the environmental pollutant 3-nitrobenzanthrone: evidence for DNA adduct formation mediated by cytochrome P450 enzymes and peroxidases. <i>Cancer Letters</i> , 2006, 234, 220-231.	7.2	55
47	THE ENVIRONMENTAL POLLUTANT AND CARCINOGEN 3-NITROBENZANTHRONE AND ITS HUMAN METABOLITE 3-AMINOBENZANTHRONE ARE POTENT INDUCERS OF RAT HEPATIC CYTOCHROMES P450 1A1 AND -1A2 AND NAD(P)H:QUINONE OXIDOREDUCTASE. <i>Drug Metabolism and Disposition</i> , 2006, 34, 1398-1405.	3.3	51
48	Validation of biomarkers for the study of environmental carcinogens: a review. <i>Biomarkers</i> , 2008, 13, 505-534.	1.9	51
49	Lagos lagoon sediment organic extracts and polycyclic aromatic hydrocarbons induce embryotoxic, teratogenic and genotoxic effects in Danio rerio (zebrafish) embryos. <i>Environmental Science and Pollution Research</i> , 2016, 23, 14489-14501.	5.3	47
50	Gene expression changes induced by the human carcinogen aristolochic acid I in renal and hepatic tissue of mice. <i>International Journal of Cancer</i> , 2011, 128, 21-32.	5.1	46
51	Subchronic Oral Exposure to Benzo(a)pyrene Leads to Distinct Transcriptomic Changes in the Lungs That Are Related to Carcinogenesis. <i>Toxicological Sciences</i> , 2012, 129, 213-224.	3.1	44
52	Benzo "Equation missing" <!-- No EquationSource Format="TEX", only image -->pyrene-induced DNA adducts and gene expression profiles in target and non-target organs for carcinogenesis in mice. <i>BMC Genomics</i> , 2014, 15, 880.	2.8	44
53	32P-Postlabeling Analysis of DNA Adducts. <i>Methods in Molecular Biology</i> , 2014, 1105, 127-138.	0.9	44
54	The role of cytochrome P450 enzymes in carcinogen activation and detoxication: an in vivoâ€“in vitro paradox. <i>Carcinogenesis</i> , 2018, 39, 851-859.	2.8	43

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55	Mutagenicity and DNA Adduct Formation by the Urban Air Pollutant 2-Nitrobenzanthrone. <i>Toxicological Sciences</i> , 2007, 98, 445-457.	3.1	42
56	Linking environmental carcinogen exposure to TP53 mutations in human tumours using the human TP53 knock-in (Hupki) mouse model. <i>FEBS Journal</i> , 2010, 277, 2567-2583.	4.7	42
57	Improved reversed-phase high-performance liquid chromatographic separation of 32P-labelled nucleoside 3',5'-bisphosphate adducts of polycyclic aromatic hydrocarbons. <i>Biomedical Applications</i> , 1991, 570, 65-76.	1.7	41
58	Formation and persistence of DNA adducts formed by the carcinogenic air pollutant 3-nitrobenzanthrone in target and non-target organs after intratracheal instillation in rats. <i>Carcinogenesis</i> , 2007, 28, 1117-1121.	2.8	41
59	Cytochrome b5 and epoxide hydrolase contribute to benzo[a]pyrene-DNA adduct formation catalyzed by cytochrome P450 1A1 under low NADPH:P450 oxidoreductase conditions. <i>Toxicology</i> , 2014, 318, 1-12.	4.2	41
60	Activation of 3-nitrobenzanthrone and its metabolites to DNA-damaging species in human B lymphoblastoid MCL-5 cells. <i>Mutagenesis</i> , 2004, 19, 149-156.	2.6	40
61	Preparation of a Methylated DNA Standard, and Its Stability on Storage. <i>Chemical Research in Toxicology</i> , 2000, 13, 257-261.	3.3	39
62	Identification through microarray gene expression analysis of cellular responses to benzo(a)pyrene and its diol-epoxide that are dependent or independent of p53. <i>Carcinogenesis</i> , 2008, 29, 202-210.	2.8	39
63	Role of P450 1A1 and P450 1A2 in Bioactivation versus Detoxication of the Renal Carcinogen Aristolochic Acid I: Studies in <i>Cyp1a1</i> and <i>Cyp1a2</i> and <i>Cyp1a1/1a2</i> Mice. <i>Chemical Research in Toxicology</i> , 2011, 24, 1710-1719.	3.3	39
64	TP53 mutations induced by BPDE in Xpa-WT and Xpa-Null human TP53 knock-in (Hupki) mouse embryo fibroblasts. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 773, 48-62.	1.0	39
65	Role of estrogen receptor in regulation of polycyclic aromatic hydrocarbon metabolic activation in lung. <i>Lung Cancer</i> , 2004, 45, 289-297.	2.0	38
66	Genotoxicity of 3-nitrobenzanthrone and 3-aminobenzanthrone in Muta <sup>+</sup> Mouse and lung epithelial cells derived from Muta <sup>+</sup> Mouse. <i>Mutagenesis</i> , 2008, 23, 483-490.	2.6	36
67	Mechanisms of the Different DNA Adduct Forming Potentials of the Urban Air Pollutants 2-Nitrobenzanthrone and Carcinogenic 3-Nitrobenzanthrone. <i>Chemical Research in Toxicology</i> , 2010, 23, 1192-1201.	3.3	36
68	The impact of p53 on DNA damage and metabolic activation of the environmental carcinogen benzo[a]pyrene: effects in Trp53(+/+), Trp53(+/-) and Trp53(-/-) mice. <i>Archives of Toxicology</i> , 2016, 90, 839-851.	4.2	36
69	Constitutive expression of bioactivating enzymes in normal human prostate suggests a capability to activate procarcinogens to DNA-damaging metabolites. <i>Prostate</i> , 2010, 70, 1586-1599.	2.3	35
70	Prenatal exposure to polycyclic aromatic hydrocarbons/aromatics, BDNF and child development. <i>Environmental Research</i> , 2015, 142, 602-608.	7.5	35
71	32P-Postlabelling detection of aromatic DNA adducts in peripheral blood lymphocytes from aluminium production plant workers. <i>Mutation Research - Genetic Toxicology Testing and Biomonitoring of Environmental Or Occupational Exposure</i> , 1991, 260, 89-98.	1.2	34
72	On the origins and development of the 32P-postlabelling assay for carcinogen-DNA adducts. <i>Cancer Letters</i> , 2013, 334, 5-9.	7.2	34

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73	EXPOsOMICS: final policy workshop and stakeholder consultation. BMC Public Health, 2018, 18, 260.	2.9	34
74	Gene expression profiles modulated by the human carcinogen aristolochic acid I in human cancer cells and their dependence on TP53. Toxicology and Applied Pharmacology, 2008, 232, 86-98.	2.8	32
75	Exposure to benzo[a]pyrene of Hepatic Cytochrome P450 Reductase Null (HRN) and P450 Reductase Conditional Null (RCN) mice: Detection of benzo[a]pyrene diol epoxide-DNA adducts by immunohistochemistry and 32P-postlabelling. Toxicology Letters, 2012, 213, 160-166.	0.8	31
76	NADH:Cytochrome <i>b</i> <sub>5</sub> Reductase and Cytochrome <i>b</i> <sub>5</sub> Can Act as Sole Electron Donors to Human Cytochrome P450 1A1-Mediated Oxidation and DNA Adduct Formation by Benzo[a]pyrene. Chemical Research in Toxicology, 2016, 29, 1325-1334.	3.3	31
77	N-Demethylation accompanies $\pm$ -hydroxylation in the metabolic activation of tamoxifen in rat liver cells. Carcinogenesis, 1999, 20, 2003-2009.	2.8	28
78	The application of the comet assay to assess the genotoxicity of environmental pollutants in the nematode <i>Caenorhabditis elegans</i> . Environmental Toxicology and Pharmacology, 2016, 45, 356-361.	4.0	28
79	Organ specificity of DNA adduct formation by tamoxifen and $\pm$ -hydroxytamoxifen in the rat: implications for understanding the mechanism(s) of tamoxifen carcinogenicity and for human risk assessment. Mutagenesis, 2005, 20, 297-303.	2.6	26
80	Cytochrome b 5 impacts on cytochrome P450-mediated metabolism of benzo[a]pyrene and its DNA adduct formation: studies in hepatic cytochrome b 5 /P450 reductase null (HBRN) mice. Archives of Toxicology, 2018, 92, 1625-1638.	4.2	26
81	Bulky DNA Adducts in White Blood Cells: A Pooled Analysis of 3,600 Subjects. Cancer Epidemiology Biomarkers and Prevention, 2010, 19, 3174-3181.	2.5	24
82	Quantification of 3-Nitrobenzanthrone-DNA Adducts Using Online Column-Switching HPLC-Electrospray Tandem Mass Spectrometry. Chemical Research in Toxicology, 2009, 22, 1860-1868.	3.3	23
83	Biotransformation of Benzo[a]pyrene in Ahr Knockout Mice Is Dependent on Time and Route of Exposure. Chemical Research in Toxicology, 2009, 22, 584-591.	3.3	23
84	Smoking-related DNA adducts in anal epithelium. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2004, 560, 167-172.	1.7	22
85	Nutlin-3a selects for cells harbouring TP53 mutations. International Journal of Cancer, 2017, 140, 877-887.	5.1	22
86	Impact of genetic modulation of SULT1A enzymes on DNA adduct formation by aristolochic acids and 3-nitrobenzanthrone. Archives of Toxicology, 2017, 91, 1957-1975.	4.2	22
87	Mutagenicity of acrylamide and glycidamide in human TP53 knock-in (Hupki) mouse embryo fibroblasts. Archives of Toxicology, 2020, 94, 4173-4196.	4.2	21
88	Hepatic genotoxicity and toxicogenomic responses in Muta <sup>tm</sup> Mouse males treated with dibenz[a,h]anthracene. Mutagenesis, 2013, 28, 543-554.	2.6	19
89	Metabolic activation of diesel exhaust carcinogens in primary and immortalized human TP53 knock-in (Hupki) mouse embryo fibroblasts. Environmental and Molecular Mutagenesis, 2012, 53, 207-217.	2.2	18
90	Genotoxicity of fine and coarse fraction ambient particulate matter in immortalised normal (TT1) and cancer-derived (A549) alveolar epithelial cells. Environmental and Molecular Mutagenesis, 2018, 59, 290-301.	2.2	18



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91	Metabolic activation of 2-amino-1-methyl-6-phenylimidazo [4,5-b]pyridine and DNA adduct formation depends on p53: Studies in <i>TP53</i> (+/+), <i>TP53</i> (+/Δ) and <i>TP53</i> (Δ/Δ) mice. <i>International Journal of Cancer</i> , 2016, 138, 976-982.	5.1	17
92	Differentiation-associated urothelial cytochrome P450 oxidoreductase predicates the xenobiotic-metabolizing activity of luminal-muscle-invasive bladder cancers. <i>Molecular Carcinogenesis</i> , 2018, 57, 606-618.	2.7	17
93	The impact of chemotherapeutic drugs on the CYP1A1-catalysed metabolism of the environmental carcinogen benzo[a]pyrene: Effects in human colorectal HCT116 <i>TP53</i> (+/+), <i>TP53</i> (+/Δ) and <i>TP53</i> (Δ/Δ) cells. <i>Toxicology</i> , 2018, 398-399, 1-12.	4.2	16
94	The impact of p53 on aristolochic acid I-induced nephrotoxicity and DNA damage in vivo and in vitro. <i>Archives of Toxicology</i> , 2019, 93, 3345-3366.	4.2	16
95	Effect of Hepatic Cytochrome P450 (P450) Oxidoreductase Deficiency on 2-Amino-1-methyl-6-phenylimidazo[4,5-b]pyridine-DNA Adduct Formation in P450 Reductase Conditional Null Mice. <i>Drug Metabolism and Disposition</i> , 2011, 39, 2169-2173.	3.3	15
96	Bulky DNA adducts, microRNA profiles, and lipid biomarkers in Norwegian tunnel finishing workers occupationally exposed to diesel exhaust. <i>Occupational and Environmental Medicine</i> , 2019, 76, 10-16.	2.8	15
97	The potential of omics approaches to elucidate mechanisms of biodiesel-induced pulmonary toxicity. <i>Particle and Fibre Toxicology</i> , 2019, 16, 4.	6.2	15
98	The Hepatic Reductase Null (HRN <sup>Δ</sup> ) and Reductase Conditional Null (RCN) mouse models as suitable tools to study metabolism, toxicity and carcinogenicity of environmental pollutants. <i>Toxicology Research</i> , 2015, 4, 548-562.	2.1	13
99	TP53 and lacZ mutagenesis induced by 3-nitrobenzanthrone in Xpa-deficient human TP53 knock-in mouse embryo fibroblasts. <i>DNA Repair</i> , 2016, 39, 21-33.	2.8	13
100	Protein Adductomics: Analytical Developments and Applications in Human Biomonitoring. <i>Toxics</i> , 2019, 7, 29.	3.7	13
101	Organoids for toxicology and genetic toxicology: applications with drugs and prospects for environmental carcinogenesis. <i>Mutagenesis</i> , 2022, 37, 143-154.	2.6	12
102	Whole body exposure of mice to secondhand smoke induces dose-dependent and persistent promutagenic DNA adducts in the lung. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2011, 716, 92-98.	1.0	11
103	Quantitative relationships between lacZ mutant frequency and DNA adduct frequency in MutaMouse tissues and cultured cells exposed to 3-nitrobenzanthrone. <i>Mutagenesis</i> , 2017, 32, gew067.	2.6	11
104	Enhanced DNA adduct formation by benzo[a]pyrene in human liver cells lacking cytochrome P450 oxidoreductase. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2020, 852, 503162.	1.7	11
105	Macromolecular Adducts as Biomarkers of Human Exposure to Polycyclic Aromatic Hydrocarbons. , 2005, , 137-169.		10
106	3-Aminobenzanthrone, a human metabolite of the carcinogenic environmental pollutant 3-nitrobenzanthrone, induces biotransformation enzymes in rat kidney and lung. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2009, 676, 93-101.	1.7	10
107	Quantification of a peptide standard using the intrinsic fluorescence of tyrosine. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 2187-2193.	3.7	10
108	Refinement of a Methodology for Untargeted Detection of Serum Albumin Adducts in Human Populations. <i>Chemical Research in Toxicology</i> , 2017, 30, 2120-2129.	3.3	10

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109	32P-Postlabelling analysis of DNA adducts of benzo[a]pyrene formed in complex metabolic activation systems in vitro. <i>Cancer Letters</i> , 1989, 48, 67-75.	7.2	9
110	The impact of p53 function on the metabolic activation of the carcinogenic air pollutant 3-nitrobenzanthrone and its metabolites 3-aminobenzanthrone and N-hydroxy-3-aminobenzanthrone in human cells. <i>Mutagenesis</i> , 2018, 33, 311-321.	2.6	9
111	MOLECULAR MECHANISM OF GENOTOXICITY OF THE ENVIRONMENTAL POLLUTANT 3-NITROBENZANTHRONE. <i>Biomedical Papers of the Medical Faculty of the University Palacky&amp;#x0301;, Olomouc, Czechoslovakia</i> , 2005, 149, 191-197.	0.6	9
112	The genotoxic air pollutant 3-nitrobenzanthrone and its reactive metabolite N-hydroxy-3-aminobenzanthrone lack initiating and complete carcinogenic activity in NMRI mouse skin. <i>Cancer Letters</i> , 2009, 284, 21-29.	7.2	8
113	Hepatic DNA damage in harbour porpoises ( <i>Phocoena phocoena</i> ) stranded along the English and Welsh coastlines. <i>Environmental and Molecular Mutagenesis</i> , 2018, 59, 613-624.	2.2	8
114	The Impact of p53 on Aristolochic Acid I-Induced Gene Expression In Vivo. <i>International Journal of Molecular Sciences</i> , 2019, 20, 6155.	4.1	7
115	Impact of p53 function on the sulfotransferase-mediated bioactivation of the alkylated polycyclic aromatic hydrocarbon 1-hydroxymethylpyrene in vitro. <i>Environmental and Molecular Mutagenesis</i> , 2019, 60, 752-758.	2.2	6
116	Characterising Mutational Spectra of Carcinogens in the Tumour Suppressor Gene TP53 Using Human TP53 Knock-in (Hupki) Mouse Embryo Fibroblasts. <i>Methods and Protocols</i> , 2019, 2, 85.	2.0	6
117	Relationships between airborne pollutants, serum albumin adducts and short-term health outcomes in an experimental crossover study. <i>Chemosphere</i> , 2020, 239, 124667.	8.2	6
118	32P-Postlabeling Analysis of DNA Adducts. <i>Methods in Molecular Biology</i> , 2020, 2102, 291-302.	0.9	6
119	A novel method for source-specific hemoglobin adducts of nitro-polycyclic aromatic hydrocarbons. <i>Environmental Sciences: Processes and Impacts</i> , 2018, 20, 780-789.	3.5	4
120	Mutagenicity of 2-hydroxyamino-1-methyl-6-phenylimidazo[4,5-b]pyridine (N <sup>o</sup> -OH-PhIP) in human TP53 knock-in (Hupki) mouse embryo fibroblasts. <i>Food and Chemical Toxicology</i> , 2021, 147, 111855.	3.6	4
121	<i>In vitro</i> mutagenicity of selected environmental carcinogens and their metabolites in MutaMouse FE1 lung epithelial cells. <i>Mutagenesis</i> , 2020, 35, 453-463.	2.6	4
122	Deletion of cytochrome P450 oxidoreductase enhances metabolism and DNA adduct formation of benzo[a]pyrene in Hepa1c1c7 cells. <i>Mutagenesis</i> , 2019, 34, 413-420.	2.6	3
123	Application of hepatic cytochrome b/P450 reductase null (HBRN) mice to study the role of cytochrome b in the cytochrome P450-mediated bioactivation of the anticancer drug ellipticine. <i>Toxicology and Applied Pharmacology</i> , 2019, 366, 64-74.	2.8	2
124	Visualisation tools for dependent peptide searches to support the exploration of in vitro protein modifications. <i>PLoS ONE</i> , 2020, 15, e0235263.	2.5	2
125	Chapter 5. Biomarkers of Human Exposure to Environmental Tobacco Smoke (ETS). <i>Issues in Toxicology</i> , 2011, , 23-49.	0.1	2
126	Philip D. Lawley (1927-2011). <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2012, 732, 1-2.	1.0	0



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127	Mutagenicity of N-â€hydroxyâ€4â€aminobiphenyl in human TP53 knockâ€in (Hupki) mouse embryo fibroblasts. Environmental and Molecular Mutagenesis, 2021, 62, 252-264.	2.2	0
128	Adductomics. , 2018, , 341-363.		0
129	Title is missing!., 2020, 15, e0235263.		0
130	Title is missing!., 2020, 15, e0235263.		0
131	Title is missing!., 2020, 15, e0235263.		0
132	Title is missing!., 2020, 15, e0235263.		0